

AH- #8

FORM PTO-1449 (REV. 7-80)		ATTY. DOCKET NO. UMMC91-03A2		SERIAL NO. 08/187,879	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT <u>Harriet L. Robinson et al.</u>			
(Use several sheets if necessary)		FILING DATE January 27, 1994		GROUP 1804	
U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS
	AA				
	AB				
	AC				
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS
	AL				
	AM				
	AN				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
DGA	AV2	Barry, Michael A. et al., "Production of Monoclonal Antibodies by Genetic Immunization," <i>BioTechniques</i> 16(4):616-619 (1994).			
DGA	AW2	Cox, Graham J.M. et al., "Bovine Herpesvirus 1: Immune Responses in Mice and Cattle Injected with Plasmid DNA," <i>Journal of Virology</i> 67(9):5664-5667 (1993).			
DGA	AX2	Davis, Heather L. et al., "Direct Gene Transfer into Skeletal Muscle In Vivo: Factors Affecting Efficiency of Transfer and Stability of Expression," <i>HUMAN GENE THERAPY</i> 4:151-159 (1993).			
DGA	AY2	Davis, Heather L. et al., "DNA-Based Immunization Induces Continuous Secretion of Hepatitis B Surface Antigen and High Levels of Circulating Antibody," <i>Human Molecular Genetics</i> , 2(11):1847-1851 (1993).			
DGA	AZ2	Davis, Heather L. et al., "Plasmid DNA Is Superior to Viral Vectors for Direct Gene Transfer into Adult Mouse Skeletal Muscle," <i>HUMAN GENE THERAPY</i> 4, 733-740 (1993).			
DGA	AR3	Eisenbraun, Michael D. et al., "Examination of Parameters Affecting the Elicitation of Humoral Immune Responses by Particle Bombardment-Mediated Genetic Immunization," <i>DNA AND CELL BIOLOGY</i> 12(9):791-797 (1993).			
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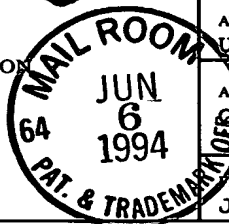
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		EXAMINER'S NAME (Last, First, Middle Initial, Date, Perennial Pages, Etc.)
DCA	AS3	Fynan, Ellen F. et al., "DNA Vaccines: Protective Immunizations by Parenteral, Mucosal, and Gene-Gun Inoculations," <i>Proc. Natl. Acad. Sci. USA</i> 90:11478-11482 (1993).
DCA	AT3 ✓	Fynan, E.F. et al., "Use of DNA Encoding Influenza Hemagglutinin as an Avian Influenza Vaccine," <i>DNA AND CELL BIOLOGY</i> 12(9):785-789 (1993).
DCA	AU3 ✓	Montgomery, Donna L. et al., "Heterologous and Homologous Protection Against Influenza A by DNA Vaccination: Optimization of DNA Vectors," <i>DNA AND CELL BIOLOGY</i> 12(9):777-783 (1993).
DCA	AV3 ✓	Robinson, H.L., et al., "Protection Against a Lethal Influenza Virus Challenge by Immunization with a Haemagglutinin-Expressing Plasmid DNA," <i>Vaccine</i> 11(9):957-960 (1993).
DCA	AW3 ✓	Wang, Ban et al., "DNA Inoculation Induces Neutralizing Immune Responses Against Human Immunodeficiency Virus Type 1 in Mice and Nonhuman Primates," <i>DNA AND CELL BIOLOGY</i> 12(9):799-805 (1993).
DCA	AX3 ✓	Watanabe, Akira et al., "Induction of Antibodies to a κ V Region by Gene Immunization," <i>The Journal of Immunology</i> 151(5):2871-2876 (1993).
DCA	AY3 ✓	Yankauckas, Michelle A. et al., "Long-Term Anti-Nucleoprotein Cellular and Humoral Immunity Is Induced by Intramuscular Injection of Plasmid DNA Containing NP Gene," <i>DNA AND CELL BIOLOGY</i> 12(9):771-776 (1993).
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
—	AA	4,722,848	2/2/88	Paoletti et al.	424	89	
—	AB						
	AC						
	AD						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
—	AL	WO 90/11092	4 Oct 90	PCT			
—	AM	WO 86/00930	13 Feb 86	PCT			
—	AN	WO 86/07593	31 Dec 86	PCT			
—	AO	WO 92/01045	23 Jan 92	PCT			
—	AP	WO 90/02803	22 Mar 90	PCT			
—	AQ	WO 90/02797	22 Mar 90	PCT			
—	AL2	0292879A3	30 Nov 88	EPO			
—	AM2	2166349A	8 May 86	UK			

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—	AR	Brown, W. David, et al., "Assessment of Retrovirus-Expressed Nucleoprotein as a Vaccine against Lethal Influenza Virus Infections of Chickens," Avian Diseases 36: 515-520 (1992).
—	AS	Parker, S.E. et al., "Intramuscular Vaccination of Plasmid DNA Containing Viral Antigens Provides Protection Against a Lethal Viral Challenge," Abstracts of papers presented at the 1992 meeting on MODERN APPROACHES TO NEW VACCINES including Prevention of AIDS, Cold Spring Harbor Laboratory, New York, September 16 - September 20, 1992.
—	AT	Rhodes, Gary H. et al., "Injection of Expression Vectors Containing Antigen Genes Induce Cellular and Humoral Immunity to the Antigen," Abstracts of papers presented at the 1992 meeting on MODERN APPROACHES TO NEW VACCINES including Prevention of AIDS, Cold Spring Harbor Laboratory, New York, September 16 - September 20, 1992.

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P. Curtis / ogu

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EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE APPROPRIATE

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—	AU	Rhodes, Gary H. et al., "A Novel Method of Inducing Cellular and Humoral Immunity to HIV GP120 Protein by DNA Injection," Abstracts of papers presented at the 1992 meeting on MODERN APPROACHES TO NEW VACCINES including Prevention of AIDS, Cold Spring Harbor Laboratory, New York, September 16 - September 20, 1992.
—	AV	Liu, M.A. et al., "Immunization with DNA Encoding a Conserved Internal Viral Protein Results in Protection from Morbidity and Mortality Due to Challenge with Influenza A in Mice," abstracts of papers presented at the 1992 meeting on MODERN APPROACHES TO NEW VACCINES Including Prevention of AIDS, Cold Spring Harbor Laboratory, New York, September 16 - September 20, 1992.
—	AW	Wang, B. et al., "Genetic Immunization: A Novel Method for Vaccine Development Against HIV," Abstracts of papers presented at the 1992 meeting on MODERN APPROACHES TO NEW VACCINES Including Prevention of AIDS, Cold Spring Harbor Laboratory, New York, September 16 - September 20, 1992.
—	AX	Tang, De-Chu et al., "Genetic Immunization is a Simple Method for Eliciting an Immune Response," <i>Nature</i> 356: 152-154 (1992).
—	AY	Hunt, Lawrence A. et al., "Retrovirus-Expressed Hemagglutinin Protects against Lethal Influenza Virus Infections," <i>Journal of Virology</i> 62 (8): 3014-3019 (1988).
—	AZ	Ulmer, Jeffrey B. et al., "Heterologous Protection Against Influenza by Injection of DNA Encoding a Viral Protein," <i>Science</i> 259: 1745-1749 (1993).
—	AR2	Webster, Robert G. et al., "Efficacy of Nucleoprotein and Haemagglutinin Antigens Expressed in Fowlpox Virus as Vaccine for Influenza in Chickens," <i>Vaccine</i> 9: 303-308 (1991).
—	AS2	Wolff, Jon A. et al., "Direct Gene Transfer into Mouse Muscle in Vivo," <i>Science</i> 247: 1465-1468 (1990).
—	AT2	King, "Vical gene delivery technique may improve on HIV and other vaccines," <i>Biotechnology News</i> 11(28):5 (1991).
—	AU2	Huylebroeck, et al., "Viral delivery systems for Heterologous Antigens and Epitopes," <i>Technological Advances in Vaccine Development</i> 84:279-293 (1988).
		* These references were not considered since they were not included with the application as required

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D. Curtis / oqu

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